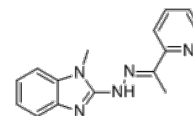


Product Name : SI-2
Cat. No. : PC-70313
CAS No. : 223788-33-8
Molecular Formula : C₁₅H₁₅N₅
Molecular Weight : 265.3
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

SI-2 (EPH-116) is a potent small-molecule inhibitor of steroid receptor coactivator-3 (**SRC-3** or AIB1) that can selectively inhibit the intrinsic transcriptional activities of SRC-3, also inhibits SRC-1 and SRC-2.

SI-2 (EPH-116) selectively reduces cellular protein levels of SRC-3, but not that of CARM-1, blocks MDA-MB-468 cell growth with an IC₅₀ value of 3.4 nM, but spares normal cells.

SI-2 (EPH-116) significantly inhibit primary tumor growth and reduce SRC-3 protein levels in a breast cancer mouse model.

SI-2 (EPH-116) is a "first-in-class" compound that targets oncogenic coactivator.

References

Song X, et al. *Proc Natl Acad Sci U S A*. 2016 May 3;113(18):4970-5.

Rohira AD, et al. *Cancer Res*. 2017 Aug 15;77(16):4293-4304.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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